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CBRN Standards Development

- Testing will be performed in two locations
 - NPPTL 42 CFR, Service Life and Particulate Testing
 - SBCCOM Live Agent Testing and LRPL
- Environmental Conditioning will be performed at both locations
- Testing at NPPTL 73 days
- •Total cost estimated at \$ 93,000





CBRN Standards Development

Penetration and Permeation Testing Chemical Analysis Team , Edgewood, MD

6 Escape Respirators (3-GB; 3:HD)

Environmental Conditioning / Testing
Time - 50 Days (continuous)
Cost - \$3300

Live Agent Testing
3 – GB Testing 3 – HD Testing
Time – 6 Days
Cost - \$27800

Total Cost and Time
Time - 56 days
Cost - \$ 31100





CBRN Standards Development

Laboratory Respirator Protection Level

Protection Factor Group, Edgewood, MD

25 – 78 Escape Respirators (Tariff is size dependant)

Laboratory Respirator Protection Level

Total Cost and Time
Time – 5 Days
Cost – \$ 15000





CBRN Standards Development

(Service Life; Particulate; Bench Testing)
NPPTL, Pittsburgh, PA
90 Escape Respirators – Service life 20 Escape Respirators – Particulate
9 Escape Respirators –Bench Testing

Particulate
20 Escape Respirators
Time – 2 days
Cost - \$1750

Service Life Testing (General)

Environmental conditioning / testing

10 gases

60 Escape Respirators – 64 liters / min

Time – 59 days (continuous)

30 Escape Respirators – 100 liters / min

Time - 11 days Cost - \$6600

Cost - \$29000

Particulate

9 Escape Respirators – after cyclohexane testing

Time - 1 day

Cost - \$750

42 CFR Testing Total Cost and Time Time – 71 Days

Cost - \$ 47100

Bench Testing

Fogging

Field of View

Resistance Testing Breathing Gas

Donning

Time – 5 Days

Cost - \$ 9000

Bench Testing

Flammability & Heat Resistance (CO Protection Only)

Time – 2 Days

Cost - \$ 14000



